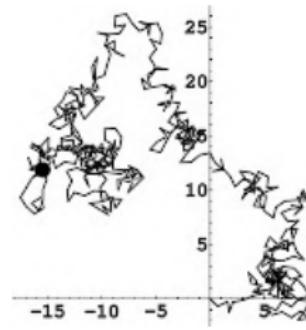


Cours 2-Diffusion dans la cellule

J.F. Joanny

Cours 2, Collège de France, 02 février 2026

Diffusion passive



Diffusion de nano-particules

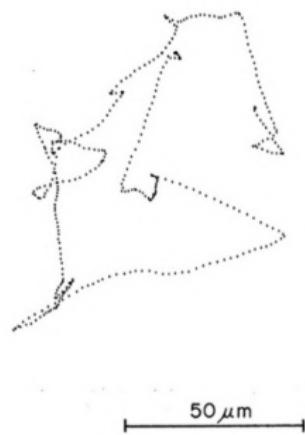
Etoc et al.

Domanov et al.

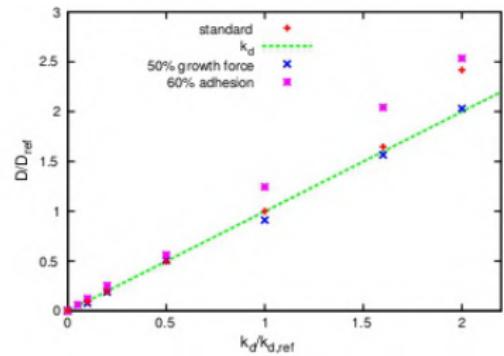
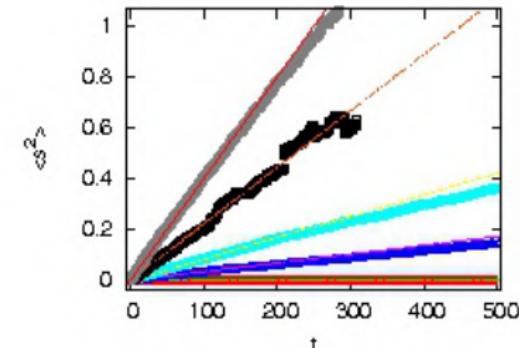
Diffusion active

Tracking *E. coli*

runs ~ 1 s
tumbles ~ 0.1 s

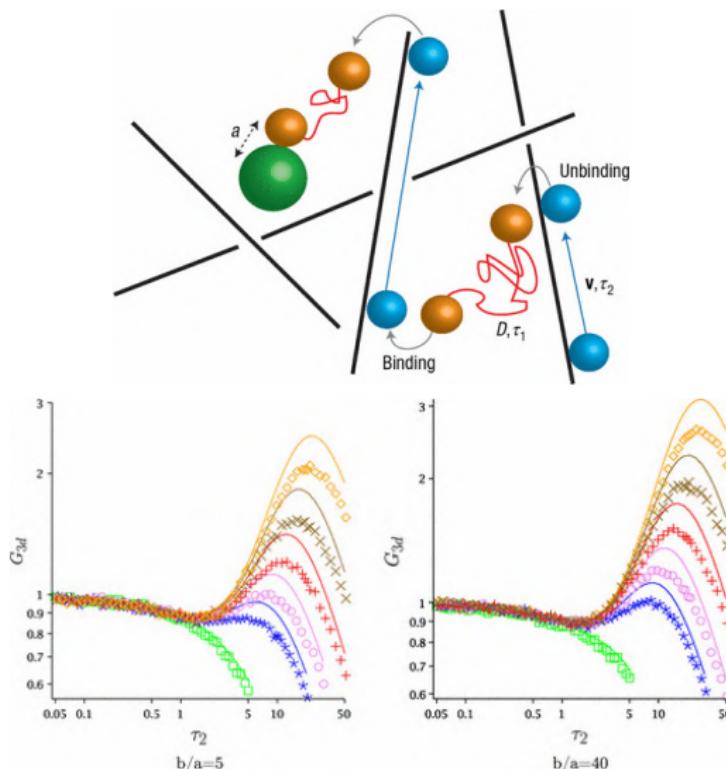


H. C. Berg & D. A. Brown, 1972

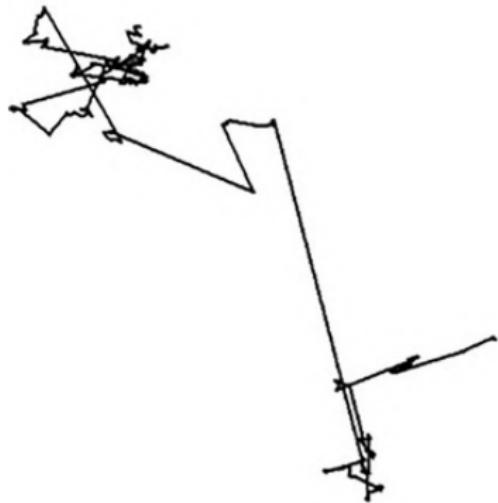


M. Basan et al.

Transport intermittent dans le cytoplasme



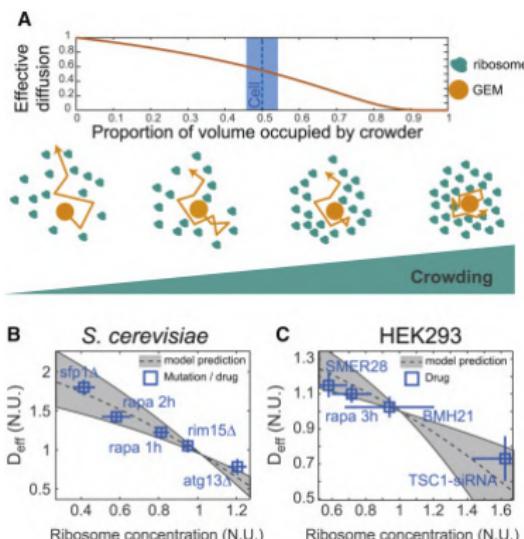
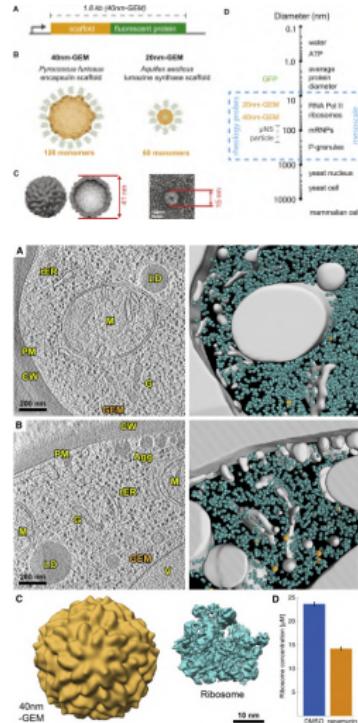
Marche de Levy



A. Reynolds

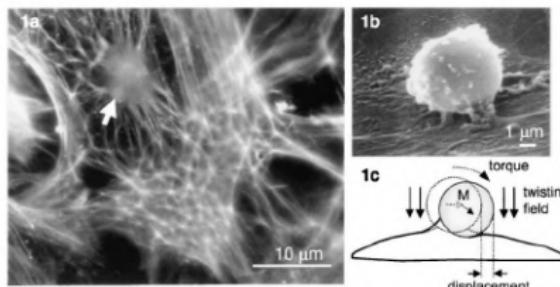


Diffusion dans un milieu cellulaire encombré



M. Delarue

Comportement vitreux de la cellule



Fabry et al.

